

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: DAVID GUZO Examiner #: 70677 Date: 2/25/05
Art Unit: 1636 Phone Number 301-272-0767 Serial Number: 10/613106
Mail Box and Bldg/Room Location: _____ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc. if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

Please run a regular plus interference sequence search on SEQ ID NO: 1 and 4.

*1-M-986
4-M-2144*

*CRFE**Thanks**MEJ'*

*Amob 2-2532
3/7/05 - 3/9/05*

STAFF USE ONLY

Type of Search

Vendors and cost where applicable

Searcher:

NA Sequence (#)

STN

Db	250	CTCACTTTTCCGCGCGGCCGGTTCCTCGGAGCCGCTCACTTTTCCCGGACGCCGAG	309
Qy	301	CAGCCGAGAGAGAGAGCCTTGGGATCCGGTTTCTATCCAAACCTTGTACCGAGGTGATC	360
Db	310	CAGCCGAGAGAGAGAGCCTTGGGATCCGGTTTCTATCCAAACCTTGTACCGAGGTGATC	369
Qy	361	GATTTTACCTGACAGAGGCTTGCTTCCACCCAGTGAAGAGATGAAGGGGTGAG	420
Db	370	GATTTTACCTGACAGAGGCTTGCTTCCACCCAGTGAAGAGATGAAGGGGTGAG	429
Qy	421	GAGTTTGTGTTAATATATGTGAGAGACCCCGGACAGGTTGACGCTTGTATATAC	480
Db	430	GAGTTTGTGTTAATATATGTGAGAGACCCCGGACAGGTTGACGCTTGTATATAC	489
Qy	481	CGAGGAAATACGGGGGACCCAGATATATGTGCTTCCGTTTCTATATGAGACCTGTGAC	540
Db	490	CGAGGAAATACGGGGGACCCAGATATATGTGCTTCCGTTTCTATATGAGACCTGTGAC	549
Qy	541	ATGTTTGTCTACAGTAAATATATGAGCAATGAGGATGATGATGAGGTTTGGTG	600
Db	550	ATGTTTGTCTACAGTAAATATATGAGCAATGAGGATGATGATGAGGTTTGGTG	609
Qy	601	TGCTAATTTTTTTTTTAAATTTTAACTTTTGTGTTTAAAGAAATTTGTATGTGATTT	660
Db	610	TGCTAATTTTTTTTTTAAATTTTAACTTTTGTGTTTAAAGAAATTTGTATGTGATTT	669
Qy	661	TTTTTAAAGGTCCTGTGTCTGAACCTGAGGCTGAGCCGAGCCAGAACCGGAGCCCTGCA	720
Db	670	TTTTTAAAGGTCCTGTGTCTGAACCTGAGGCTGAGCCGAGCCAGAACCGGAGCCCTGCA	729
Qy	721	GACCTTACCCGCGCTCTAAATGAGCGCTGCTATCTCTAGACGCGCCGAGCATCACTGTGT	780
Db	730	GACCTTACCCGCGCTCTAAATGAGCGCTGCTATCTCTAGACGCGCCGAGCATCACTGTGT	789
Qy	781	CTAAGAAATGCAATATGATACGATATGCTGTGATCTCCGCTCTTTCTAACACACCTCTCTG	840
Db	790	CTAAGAAATGCAATATGATACGATATGCTGTGATCTCCGCTCTTTCTAACACACCTCTCTG	849
Qy	841	AGATACACCCGCGTGTGCTGCGCTGCGCCCATTTAAACCAAGTTGCGTGAAGTTGTGAGC	900
Db	850	AGATACACCCGCGTGTGCTGCGCTGCGCCCATTTAAACCAAGTTGCGTGAAGTTGTGAGC	909
Qy	901	GTCGCCAGGCTGTGGAATGTATCGAGGACTTGCTTAAACGAGCCTGAGCAACCTTTGAGCT	960
Db	910	GTCGCCAGGCTGTGGAATGTATCGAGGACTTGCTTAAACGAGCCTGAGCAACCTTTGAGCT	969
Qy	961	TGAGCTGTAAACGCCCGCAGGCCATTA	986
Db	970	TGAGCTGTAAACGCCCGCAGGCCATTA	995
RESULT 2			
LOCUS	AR016485	1000 bp	DNA
DEFINITION	Sequence 3 from patent US 5776743.	linear	PAT 05-DEC-1998
ACCESSION	AR016485		
VERSION	AR016485.1	GI:3972762	
KEYWORDS			
SOURCE	Unknown.		
ORGANISM	Unclassified.		
REFERENCE	1 (bases 1 to 1000)		
AUTHORS	Erlich, S.M.		
TITLE	Method of sensitizing tumor cells with adenovirus B1A		
JOURNAL	Patent: US 5776743-A 3 07-JUL-1998;		
FEATURES	Location/Qualifiers		
source	1..1000		
	/organism="unknown"		
	/mol_type="unassigned DNA"		
ORIGIN			
Query Match	100.0%;	Score 986;	DB 6; Length 1000;
Best Local Similarity	100.0%;	Pred. No. 1e-263;	
Matches 986; Conservative 0; Mismatches 0; Indels 0; Gaps 0;			
Qy	1	ATGAGCATATATATCTGCCAGAGAGTGTATTTACCAGAAATAGCGGCCCATGTTTGTG	60
Db	10	ATGAGCATATATATCTGCCAGAGAGTGTATTTACCAGAAATAGCGGCCCATGTTTGTG	69
Qy	61	GACGAGTATGGAAGGTAATGAGCTGATATCTTCCACTCTAGCCATTTGAACA	120
Db	70	GACGAGTATGGAAGGTAATGAGCTGATATCTTCCACTCTAGCCATTTGAACA	129
Qy	121	CCTAACCTTACAGACTGATATGATTTTGAAGTGAAGGCCCCGGAAGATCCACAGAGAG	180
Db	130	CCTAACCTTACAGACTGATATGATTTTGAAGTGAAGGCCCCGGAAGATCCACAGAGAG	189
Qy	181	GCGGTTTCCGAGATTTTTCCTCCACTCTGTAAATGAGGCTGACAGAAAGGATGACTTA	240
Db	190	GCGGTTTCCGAGATTTTTCCTCCACTCTGTAAATGAGGCTGACAGAAAGGATGACTTA	249
Qy	241	CTCACTTTTCCGCGCGCCGGTTCTCCGAGCGCTCTCACTTTCCCGAGCCCGAG	300
Db	250	CTCACTTTTCCGCGCGCCGGTTCTCCGAGCGCTCTCACTTTCCCGAGCCCGAG	309
Qy	301	CAGCCGAGAGAGAGCCTTGGGTCGGTTTCTATGCCAAACCTTGTATCCGAGGTGATC	360
Db	310	CAGCCGAGAGAGAGAGCCTTGGGTCGGTTTCTATGCCAAACCTTGTATCCGAGGTGATC	369
Qy	361	GATTTTACCTGACAGAGGCTTGCTTCCACCCAGTGAAGAGATGAAGGGGTGAG	420
Db	370	GATTTTACCTGACAGAGGCTTGCTTCCACCCAGTGAAGAGATGAAGGGGTGAG	429
Qy	421	GAGTTTGTGTTAATATATGTGAGAGACCCCGGACAGGTTGACGCTTGTATATAC	480
Db	430	GAGTTTGTGTTAATATATGTGAGAGACCCCGGACAGGTTGACGCTTGTATATAC	489
Qy	481	CGAGGAAATACGGGGGACCCAGATATATGTGCTTCCGTTTCTATATGAGACCTGTGAC	540
Db	490	CGAGGAAATACGGGGGACCCAGATATATGTGCTTCCGTTTCTATATGAGACCTGTGAC	549
Qy	541	ATGTTTGTCTACAGTAAATATATGAGCAATGAGGATGATGATGAGGTTTGGTG	600
Db	550	ATGTTTGTCTACAGTAAATATATGAGCAATGAGGATGATGATGAGGTTTGGTG	609
Qy	601	TGCTAATTTTTTTTTTAAATTTTAACTTTTGTGTTTAAAGAAATTTGTATGTGATTT	660
Db	610	TGCTAATTTTTTTTTTAAATTTTAACTTTTGTGTTTAAAGAAATTTGTATGTGATTT	669
Qy	661	TTTTTAAAGGTCCTGTGTCTGAACCTGAGGCTGAGCCGAGCCAGAACCGGAGCCCTGCA	720
Db	670	TTTTTAAAGGTCCTGTGTCTGAACCTGAGGCTGAGCCGAGCCAGAACCGGAGCCCTGCA	729
Qy	721	GACCTTACCCGCGCTCTAAATGAGCGCTGCTATCTCTAGACGCGCCGAGCATCACTGTGT	780
Db	730	GACCTTACCCGCGCTCTAAATGAGCGCTGCTATCTCTAGACGCGCCGAGCATCACTGTGT	789
Qy	781	CTAAGAAATGCAATATGATACGATATGCTGTGATCTCCGCTCTTTCTAACACACCTCTCTG	840
Db	790	CTAAGAAATGCAATATGATACGATATGCTGTGATCTCCGCTCTTTCTAACACACCTCTCTG	849
Qy	841	AGATACACCCGCGTGTGCTGCGCTGCGCCCATTTAAACCAAGTTGCGTGAAGTTGTGAGC	900
Db	850	AGATACACCCGCGTGTGCTGCGCTGCGCCCATTTAAACCAAGTTGCGTGAAGTTGTGAGC	909
Qy	901	GTCGCCAGGCTGTGGAATGTATCGAGGACTTGCTTAAACGAGCCTGAGCAACCTTTGAGCT	960
Db	910	GTCGCCAGGCTGTGGAATGTATCGAGGACTTGCTTAAACGAGCCTGAGCAACCTTTGAGCT	969
Qy	961	TGAGCTGTAAACGCCCGCAGGCCATTA	986
Db	970	TGAGCTGTAAACGCCCGCAGGCCATTA	995
RESULT 3			
LOCUS	AR031949		

LOCUS AR031949 1000 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 1 from patent US 5866550.
ACCESSION AR031949
VERSION AR031949.1 GI:5946238
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 1000)
AUTHORS Friesch, S.M.
TITLE Method of inhibiting replication of hyperproliferative cells using
a nucleic acid encoding E1A
JOURNAL Patent: US 5866550-A 1 02-FEB-1999;
FEATURES
Source location/Qualifiers
1..1000
/organism="unknown"
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ORIGIN

Query Match 100.0%; Score 986; DB 6; Length 1000;
Best Local Similarity 100.0%; Pred. No. 1e-263;
Matches 986; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGAGACATATTATCTGCGACGAGAGTGTATTACCGAAGAAATGGCCGCACTTTTG 60
DB 10 ATGAGACATATTATCTGCGACGAGAGTGTATTACCGAAGAAATGGCCGCACTTTTG 69
QY 61 GACCACTGATCGAAGAGTACTGCTGATTAATCTTCCACTCTCCAGCATTTTGAACCA 120
DB 70 GACCACTGATCGAAGAGTACTGCTGATTAATCTTCCACTCTCCAGCATTTTGAACCA 129
QY 121 CCTACCTTCAAGACTGTATGATTAGACGAGCGCCCGCAAGATCCCAAGAGAG 180
DB 130 CCTACCTTCAAGACTGTATGATTAGACGAGCGCCCGCAAGATCCCAAGAGAG 189
QY 181 GCGGTTTGCAGATTTTCCCGACTCTGTATGTGGCGGTGCAGAAAGGATGACTTA 240
DB 190 GCGGTTTGCAGATTTTCCCGACTCTGTATGTGGCGGTGCAGAAAGGATGACTTA 249
QY 241 CTCACTTTCCGCGCGCGCTTCTCGAGCGCCCTCACTTTCCCGCGACGCCGAG 300
DB 250 CTCACTTTCCGCGCGCGCTTCTCGAGCGCCCTCACTTTCCCGCGACGCCGAG 309
QY 301 CAGCCGAGACAGAGAGCTTGGGTCCGGTTCTATGCCAAACCTTGTACCGAGGTGATC 360
DB 310 CAGCCGAGACAGAGAGCTTGGGTCCGGTTCTATGCCAAACCTTGTACCGAGGTGATC 369
QY 361 GATCTTACCTGCGACGAGAGCTGCTTTCACCCAGTGAAGAGAGATGAAGAGGTGAG 420
DB 370 GATCTTACCTGCGACGAGAGCTGCTTTCACCCAGTGAAGAGAGATGAAGAGGTGAG 429
QY 421 GAGTTTGTGTTAGATTATGTGAGACACCCCGGACGCTTTCGAGGTCTTGTCTATAC 480
DB 430 GAGTTTGTGTTAGATTATGTGAGACACCCCGGACGCTTTCGAGGTCTTGTCTATAC 489
QY 481 CGAGAGATACCGGGGAGCCAGATATTATGTGTGCTTGTCTATATGAGAGCTGTGGC 540
DB 490 CGAGAGATACCGGGGAGCCAGATATTATGTGTGCTTGTCTATATGAGAGCTGTGGC 549
QY 541 ATGTTTGTCTACAGTGAAGTAAATTATGGGCACTGGGTGATAGAGTGGGTGTTG 600
DB 550 ATGTTTGTCTACAGTGAAGTAAATTATGGGCACTGGGTGATAGAGTGGGTGTTG 609
QY 601 TGGTAATTTTATTTTAAATTTTAAAGTTTGGTTTAAAGATTTTGTATGATGATTT 660
DB 610 TGGTAATTTTATTTTAAATTTTAAAGTTTGGTTTAAAGATTTTGTATGATGATTT 669
QY 661 TTTTAAAGGCTCTGTGTCTGAACCTGAGCTGAGCCCGAGCCAGAACCGAGCCTGCA 720
DB 670 TTTTAAAGGCTCTGTGTCTGAACCTGAGCTGAGCCCGAGCCAGAACCGAGCCTGCA 729
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DB 730 GACCTACCGCGCTCTTAAATGGGCGCTGCTATCTTGAAGCCCGCATCACTGTGT 789
QY 781 CTAGAGATGCAATGATAGTACGGAATAGCTGTGATCTCCGGTCTTTTAAACACCTCTG 840
DB 790 CTAGAGATGCAATGATAGTACGGAATAGCTGTGATCTCCGGTCTTTTAAACACCTCTG 849
QY 841 AGATACACCGGCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 900
DB 850 AGATACACCGGCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 909
QY 901 GTCCCGAGCTGTGGAATGTATGAGAGACTTGTCTTAAAGAGCTTGGCACTTTGACT 960
DB 910 GTCCCGAGCTGTGGAATGTATGAGAGACTTGTCTTAAAGAGCTTGGCACTTTGACT 969
QY 961 TGAGCTGTAAACGCCCGAGCCATTA 986
DB 970 TGAGCTGTAAACGCCCGAGCCATTA 995

RESULT 4
LOCUS AR031950 1000 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 3 from patent US 5866550.
ACCESSION AR031950
VERSION AR031950.1 GI:5946239
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 1000)
AUTHORS Friesch, S.M.
TITLE Method of inhibiting replication of hyperproliferative cells using
a nucleic acid encoding E1A
JOURNAL Patent: US 5866550-A 3 02-FEB-1999;
FEATURES
Source location/Qualifiers
1..1000
/organism="unknown"
/mol_type="unassigned DNA"

ORIGIN

Query Match 100.0%; Score 986; DB 6; Length 1000;
Best Local Similarity 100.0%; Pred. No. 1e-263;
Matches 986; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGAGACATATTATCTGCGACGAGAGTGTATTACCGAAGAAATGGCCGCACTTTTG 60
DB 10 ATGAGACATATTATCTGCGACGAGAGTGTATTACCGAAGAAATGGCCGCACTTTTG 69
QY 61 GACCACTGATCGAAGAGTACTGCTGATTAATCTTCCACTCTCCAGCATTTTGAACCA 120
DB 70 GACCACTGATCGAAGAGTACTGCTGATTAATCTTCCACTCTCCAGCATTTTGAACCA 129
QY 121 CCTACCTTCAAGACTGTATGATTAGACGAGCGCCCGCAAGATCCCAAGAGAG 180
DB 130 CCTACCTTCAAGACTGTATGATTAGACGAGCGCCCGCAAGATCCCAAGAGAG 189
QY 181 GCGGTTTGCAGATTTTCCCGACTCTGTATGTGGCGGTGCAGAAAGGATGACTTA 240
DB 190 GCGGTTTGCAGATTTTCCCGACTCTGTATGTGGCGGTGCAGAAAGGATGACTTA 249
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QY 301 CAGCCGAGACAGAGAGCTTGGGTCCGGTTCTATGCCAAACCTTGTACCGAGGTGATC 360
DB 310 CAGCCGAGACAGAGAGCTTGGGTCCGGTTCTATGCCAAACCTTGTACCGAGGTGATC 369
QY 361 GATCTTACCTGCGACGAGAGCTGCTTTCACCCAGTGAAGAGATGAAGAGGTGAG 420
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QY 421 GAGTTTGTGTTAGATTATGTGAGACACCCCGGACGCTTTCGAGGTCTTGTCTATAC 480

Db	430	GAGTTTGGTTAGATTATGTGGAGACCCCGGGCACGGTTGCAGGTCTTGTCAATTATAC	489
Qy	481	CGAGGAATACGGGGGACCCAGATTATATGTGTTGCTTTGCTATATAGAACCTGTGGC	540
Db	490	CGAGGAATACGGGGGACCCAGATTATATGTGTTGCTTTGCTATATAGAACCTGTGGC	549
Qy	541	ATGTTGCTACAGTAAGTGAATAATTAAGGCGAGTGGGATGATAGAGTGAGTGGT	600
Db	550	ATGTTGCTACAGTAAGTGAATAATTAAGGCGAGTGGGATGATAGAGTGAGTGGT	609
Qy	601	TGGTAATTTTTTTTTTAAATTTTTCACAGTTTGTGGTTTAAAGAAATTTTGATGATTT	660
Db	610	TGGTAATTTTTTTTTTAAATTTTTCACAGTTTGTGGTTTAAAGAAATTTTGATGATTT	669
Qy	661	TTTTTAAAGTCTCTGTGTCTGAACCTGAGCCCGAGCCGAGCGAAGCCGAGCCTGGA	720
Db	670	TTTTTAAAGTCTCTGTGTGTCTGAACCTGAGCCCGAGCGAAGCCGAGCCTGGA	729
Qy	721	GACCTACCCGCGCTCTAAATATGCGCCCTGCTATCTGAGACGCGCCGACATCACCTGTGT	780
Db	730	GACCTACCCGCGCTCTAAATATGCGCCCTGCTATCTGAGACGCGCCGACATCACCTGTGT	789
Qy	781	CTAGAGAAATGCATATGTAATGTAACGGAATAGCTGTGACTCCGGTCTTTTAAACAACCTCTGT	840
Db	790	CTAGAGAAATGCATATGTAATGTAACGGAATAGCTGTGACTCCGGTCTTTTAAACAACCTCTGT	849
Qy	841	AGATACACCCGGTGTCCCGCTGTGSCCCCAATTAACAGATTGCCGTGAGAGTGGTGGGC	900
Db	850	AGATACACCCGGTGTCCCGCTGTGSCCCCAATTAACAGATTGCCGTGAGAGTGGTGGGC	909
Qy	901	GTCGCGAGGCTGTGGAATGTATCGAGACTTGTCTTAACGAGCCTTGGGCAACCTTTGACT	960
Db	910	GTCGCGAGGCTGTGGAATGTATCGAGACTTGTCTTAACGAGCCTTGGGCAACCTTTGACT	969
Qy	961	TGAGCTGTAAACGCCCGAGCCCATTA	986
Db	970	TGAGCTGTAAACGCCCGAGCCCATTA	995
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DEFINITION	Sequence 1 from patent US 5516631.	linear	PAT 07-OCT-1996
ACCESSION	120734		
VERSION	120734.1	GI:1601089	
KEYWORDS			
SOURCE	Unknown.		
ORGANISM	Unknown.		
REFERENCE	1 (bases 1 to 1000)		
AUTHORS	Prisch,S.W.		
TITLE	Method of inhibiting replication of hyperproliferative cells		
JOURNAL	Patent: US 5516631-A 1 14-MAY-1996;		
FEATURES	Location/Qualifiers		
source	1..1000		
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	/mol_type="unassigned DNA"		
Query Match	100.0%;	Score 986;	DB 6;
Best Local Similarity	100.0%;	Pred. No. 1e-263;	
Matches	986;	Conservative 0;	Mismatches 0;
		Indels 0;	Gaps 0;
Qy	1	ATGAGACATATTAATCTGCCACGGAGTGTATTACCGAAGAAATGGCGGCACTTTTG	60
Db	10	ATGAGACATATTAATCTGCCACGGAGTGTATTACCGAAGAAATGGCGGCACTTTTG	69
Qy	61	GACCACTGATCGAAGAGGTACTGCTGATATCTTCCAACCTCTAGCCATTTTGAACA	120
Db	70	GACCACTGATCGAAGAGGTACTGCTGATATCTTCCAACCTCTAGCCATTTTGAACA	129
Qy	121	CCTACCCTTCACGAACGTGATATATTAAAGCTGACGAGCGCCCGGAAGATCCCAAGAGAG	180

Db	130	CTTACCTTCA	CGAACTGTATGATTTAGACGTACAGGCCCCCGAAGATCCCAAGAGAG	189
OY	181	GCGGTTTCG	CAGATTTTTCCTCGACTCTGTAAATGTTGGCCGGTCAGAGAAAGGATTGACTTA	240
Db	190	GCGGTTTCG	CAGATTTTTCCTCGACTCTGTAAATGTTGGCCGGTCAGAGAAAGGATTGACTTA	249
OY	241	CTCATTTCG	CGCGCGCGCGGTTCTCCGAGCCGCTCACTTTCCTCCGCAAGCCCGAG	300
Db	250	CTCATTTCG	CGCGCGCGCGGTTCTCCGAGCCGCTCACTTTCCTCCGCAAGCCCGAG	309
OY	301	CAGCCGAG	CAGAGAGCTTGGGTCCGCTTCTATGCGAACTTTGATCCGAGAGTATC	360
Db	310	CAGCCGAG	CAGAGAGCTTGGGTCCGCTTCTATGCGAACTTTGATCCGAGAGTATC	369
OY	361	GATCTTAC	CTGTCACAGAGCTGCTTTCACCCAGTACGACGAGATGGAAGAGGTGAG	420
Db	370	GATCTTAC	CTGTCACAGAGCTGCTTTCACCCAGTACGACGAGATGGAAGAGGTGAG	429
OY	421	GAGTTTGT	TTAATATGTCAGACATCCCGGGCAGCGTTGCAGGTCTTGTCAATTATC	480
Db	430	GAGTTTGT	TTAATATGTCAGACATCCCGGGCAGCGTTGCAGGTCTTGTCAATTATC	489
OY	481	CGAGGAA	TACGGGGAGCCAGATATTATGTTTGGCTTGCCTATATAGAGACCTGTGGC	540
Db	490	CGAGGAA	TACGGGGAGCCAGATATTATGTTTGGCTTGCCTATATAGAGACCTGTGGC	549
OY	541	ATGTTTGT	CTACAGTAAAGTAAATATATGGCAGGTGGTGTATGATGTGGTTGGTG	600
Db	550	ATGTTTGT	CTACAGTAAAGTAAATATATGGCAGGTGGTGTATGATGTGGTTGGTG	609
OY	601	TGATTA	TTTTTTTTTTTATTTTACAGTTTGTGTTTAAAGATTTTGTATTTGATTT	660
Db	610	TGATTA	TTTTTTTTTTTATTTTACAGTTTGTGTTTAAAGATTTTGTATTTGATTT	669
OY	661	TTTTAAAG	GTCTGTGTCTGAACTGTAGCCTGAGCCTGAGCCCGAGCCGAGCCTGCAA	720
Db	670	TTTTAAAG	GTCTGTGTCTGAACTGTAGCCTGAGCCTGAGCCCGAGCCGAGCCTGCAA	729
OY	721	GACCTAC	CCGCGCTCTAAAATGGCGGCTGTACTCTGAGACGGCCGACATCATCTGTGT	780
Db	730	GACCTAC	CCGCGCTCTAAAATGGCGGCTGTACTCTGAGACGGCCGACATCATCTGTGT	789
OY	781	CTAGAGA	TATGCAATAGTATGACGATATGCTGTGACTCCGCTCTTCTTAACAACCTCTGT	840
Db	790	CTAGAGA	TATGCAATAGTATGACGATATGCTGTGACTCCGCTCTTCTTAACAACCTCTGT	849
OY	841	AGATTA	CCCGGTGTCCCGCTGTGCCCCATTAACAAGTTGCGGTGAGATTTGTGGGC	900
Db	850	AGATTA	CCCGGTGTCCCGCTGTGCCCCATTAACAAGTTGCGGTGAGATTTGTGGGC	909
OY	901	GTCCCAAG	CGCTGTGGAATGTATCGAGACTTGTCTTAACGAGCCTGTGGCAACTTTTGACT	960
Db	910	GTCCCAAG	CGCTGTGGAATGTATCGAGACTTGTCTTAACGAGCCTGTGGCAACTTTTGACT	969
OY	961	TGAGCT	TTAAACGCCCCAGGCCATTA 986	
Db	970	TGAGCT	TTAAACGCCCCAGGCCATTA 995	

RESULT 6			
LOCUS	I20735	1000 bp	DNA
DEFINITION	Sequence 3 from patent US 5516631.	linear	PAT 07-OCT-1996
ACCESSION	I20735		
VERSION	I20735.1	GI:1601090	
KEYWORDS			
SOURCE	Unknown.		
ORGANISM	Unknown.		
REFERENCE	Unclassified.		
AUTHORS	1 (bases 1 to 1000)		
TITLE	Frisch, S.M.		
	Method of inhibiting replication of hyperproliferative cells		

JOURNAL Patent: US 5516631-A 3 14-MAY-1996;
FEATURES Location/Qualifiers
Source 1..1000
/organism="unknown"
/mol_type="unassigned DNA"

ORIGIN

Query Match 100.0%; Score 986; DB 6; Length 1000;
Best Local Similarity 100.0%; Pred. No. 1e-263;
Matches 986; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGAGACATATTAATCTGCAAGAGGTGTTATTAACGAGAAATGGCCGACGCTTTTG 60
DB 10 ATGAGACATATTAATCTGCAAGAGGTGTTATTAACGAGAAATGGCCGACGCTTTTG 69
QY 61 GACCAGCTGATCGAAGAGTACTGGTGAATCTTCACCTCCCTAGCCATTTGAACCA 120
DB 70 GACCAGCTGATCGAAGAGTACTGGTGAATCTTCACCTCCCTAGCCATTTGAACCA 129
QY 121 CTTACCTTCAAGACCTGATGATTTAGAGTGACGGCCCCCGAAGATCCCAAGAGGAG 180
DB 130 CTTACCTTCAAGACCTGATGATTTAGAGTGACGGCCCCCGAAGATCCCAAGAGGAG 189
QY 181 GCGGTTTCGAGATTTTCCGACTCTGTAATGTGGCGGTGAGAAAGGATTTGACTTA 240
DB 190 GCGGTTTCGAGATTTTCCGACTCTGTAATGTGGCGGTGAGAAAGGATTTGACTTA 249
QY 241 CTCACCTTTCCGCGCGCCCGGTTCTCCGAGCCGCTCACTTTCCGCGAGCCCGAG 300
DB 250 CTCACCTTTCCGCGCGCCCGGTTCTCCGAGCCGCTCACTTTCCGCGAGCCCGAG 309
QY 301 CAGCCGAGACGAGAGGCTTGGGTCCGGTTTCTATGCGCAACCTTGTAACGAGGTATC 360
DB 310 CAGCCGAGACGAGAGGCTTGGGTCCGGTTTCTATGCGCAACCTTGTAACGAGGTATC 369
QY 361 GATCTTACCTGCAAGAGGCTTGTCCACCCAGTACGACGAGATGAAAGGGTGAAG 420
DB 370 GATCTTACCTGCAAGAGGCTTGTTCACCCAGTACGACGAGATGAAAGGGTGAAG 429
QY 421 GAGTTTGTGTAATATGAGACACCCCGGACCGGTTGCAAGGCTTGTCAATTATCAC 480
DB 430 GAGTTTGTGTAATATGAGACACCCCGGACCGGTTGCAAGGCTTGTCAATTATCAC 489
QY 481 CCGAGGAATACGGGGGACCCGATTAATGTGCTGCTTGTATGAGGACCTGTGGC 540
DB 490 CCGAGGAATACGGGGGACCCGATTAATGTGCTGCTTGTATGAGGACCTGTGGC 549
QY 541 ATGTTTGTCTACAGTAAGTAAATTAATGAGCAGTGGGTGATAGAGTGTGGTGTG 600
DB 550 ATGTTTGTCTACAGTAAGTAAATTAATGAGCAGTGGGTGATAGAGTGTGGTGTG 609
QY 601 TGGTAATTTTTTTTTTAAATTTTAAACAGTTTGTGGTTAAAGAAATTTTGTATTT 660
DB 610 TGGTAATTTTTTTTTTAAATTTTAAACAGTTTGTGGTTAAAGAAATTTTGTATTT 669
QY 661 TTTTAAAGGTCGTGTCTGAACCTGAGCCTGAGCCCGAGCCGAAACCGGAGCCTGCA 720
DB 670 TTTTAAAGGTCGTGTCTGAACCTGAGCCTGAGCCCGAGCCGAAACCGGAGCCTGCA 729
QY 721 GACCTACCCGCGCTCTTAAATGAGCGCTGCTATCTGAGACGCCCGACATCACTGTGT 780
DB 730 GACCTACCCGCGCTCTTAAATGAGCGCTGCTATCTGAGACGCCCGACATCACTGTGT 789
QY 781 CTAAGAAATGCAATATGATGATCGATAGCTGTGACTCGGCTCTTTTAAACACCTCTGT 840
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DB 850 AGATACACCCGCTGGTCCGCTGTGCCCATTTAAACAGTGTGGTGAAGTGTGGTGGC 909
QY 901 GTGCCAGGCTGTGAATGATCGAGAGCTTGCTTAAAGAGCCTGGGCACTTTTGAAGT 960

DB 910 GTGCCAGGCTGTGAATGATCGAGAGCTTGCTTAAAGAGCCTGGGCAACTTTGAGCT 969
QY 961 TGAGCTGTAAGCCGCCAGGCATTA 986
DB 970 TGAGCTGTAAGCCGCCAGGCATTA 995

RESULT 7
AR304631
LOCUS AR304631 1000 bp mRNA linear PAT 12-JUN-2003
DEFINITION Sequence 1 from patent US 6544955.
ACCESSION AR304631
VERSION AR304631.1 GI:31693815
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 1000)
Friedrich, S.M.
TITLE
JOURNAL
Patent: US 6544955-A 1 08-APR-2003;
Location/Qualifiers
1..1000
/organism="unknown"
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ORIGIN

Query Match 100.0%; Score 986; DB 6; Length 1000;
Best Local Similarity 100.0%; Pred. No. 1e-263;
Matches 986; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGAGACATATTAATCTGCAAGAGGTGTTATTAACGAGAAATGGCCGACGCTTTTG 60
DB 10 ATGAGACATATTAATCTGCAAGAGGTGTTATTAACGAGAAATGGCCGACGCTTTTG 69
QY 61 GACCAGCTGATCGAAGAGTACTGGTGAATCTTCACCTCCCTAGCCATTTGAACCA 120
DB 70 GACCAGCTGATCGAAGAGTACTGGTGAATCTTCACCTCCCTAGCCATTTGAACCA 129
QY 121 CTTACCTTCAAGACCTGATGATTTAGAGTGACGGCCCCCGAAGATCCCAAGAGGAG 180
DB 130 CTTACCTTCAAGACCTGATGATTTAGAGTGACGGCCCCCGAAGATCCCAAGAGGAG 189
QY 181 GCGGTTTCGAGATTTTCCGACTCTGTAATGTGGCGGTGAGAAAGGATTTGACTTA 240
DB 190 GCGGTTTCGAGATTTTCCGACTCTGTAATGTGGCGGTGAGAAAGGATTTGACTTA 249
QY 241 CTCACCTTTCCGCGCGCCCGGTTCTCCGAGCCGCTCACTTTCCGCGAGCCCGAG 300
DB 250 CTCACCTTTCCGCGCGCCCGGTTCTCCGAGCCGCTCACTTTCCGCGAGCCCGAG 309
QY 301 CAGCCGAGACGAGAGGCTTGGGTCCGGTTTCTATGCGCAACCTTGTAACGAGGTATC 360
DB 310 CAGCCGAGACGAGAGGCTTGGGTCCGGTTTCTATGCGCAACCTTGTAACGAGGTATC 369
QY 361 GATCTTACCTGCAAGAGGCTTGTCCACCCAGTACGACGAGATGAAAGGGTGAAG 420
DB 370 GATCTTACCTGCAAGAGGCTTGTTCACCCAGTACGACGAGATGAAAGGGTGAAG 429
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DB 430 GAGTTTGTGTAATATGAGACACCCCGGACCGGTTGCAAGGCTTGTCAATTATCAC 489
QY 481 CCGAGGAATACGGGGGACCCGATTAATGTGCTGCTTGTATGAGGACCTGTGGC 540
DB 490 CCGAGGAATACGGGGGACCCGATTAATGTGCTGCTTGTATGAGGACCTGTGGC 549
QY 541 ATGTTTGTCTACAGTAAGTAAATTAATGAGCAGTGGGTGATAGAGTGTGGTGTG 600
DB 550 ATGTTTGTCTACAGTAAGTAAATTAATGAGCAGTGGGTGATAGAGTGTGGTGTG 609
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Db 610 TGGTAATTTTTTTTAAATTTTACAGTTTGTGGTTAAAGAAATTTGTATTGTGATTT 669
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Db 670 TTTTAAAGGCTCTGTGTCTGAACCTGAGCTGAGCCCGAGCAGAAACCGAGACTTGCA 729
Qy 721 GACCTACCCCGCTCTTAAATGGCGCTGCTATCTCTGAAGCCCGCACTCACTGTGT 780
Db 730 GACCTACCCCGCTCTTAAATGGCGCTGCTATCTCTGAAGCCCGCACTCACTGTGT 789
Qy 781 CTAGAGATGCAATAGATAGATAGCTGTGCTCCGGTCTCTTACACACTTCCTG 840
Db 790 CTAGAGATGCAATAGATAGATAGCTGTGCTCCGGTCTCTTACACACTTCCTG 849
Qy 841 AGATACACCCCGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 900
Db 850 AGATACACCCCGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 909
Qy 901 GTGCGCAGGCTGTGGAATGTATCGAGACCTTGCTTAAAGAGCTTGAGCAACTTGTGACT 960
Db 910 GTGCGCAGGCTGTGGAATGTATCGAGACCTTGCTTAAAGAGCTTGAGCAACTTGTGACT 969
Qy 961 TGAGCTGTAAAGCCCGCAGGCCATTA 986
Db 970 TGAGCTGTAAAGCCCGCAGGCCATTA 995

RESULT 8
AR304632 1000 bp mRNA linear PAT 12-JUN-2003
LOCUS AR304632
DEFINITION Sequence 3 from patent US 6544955.
ACCESSION AR304632
VERSION AR304632.1 GI:31693816
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 1000)
AUTHORS Fritsch,S.M.
TITLE Method of sensitizing tumor cells with adenovirus E1A
JOURNAL Patent: US 6544955-A 3 08-APR-2003;
FEATURES
source 1..1000
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/mol_type="mRNA"

ORIGIN
Query Match 100.0%; Score 986; DB 6; Length 1000;
Best Local Similarity 100.0%; Pred. No. 1e-263;
Matches 986; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATGAGACATATTTATCTGCCACGAGAGGTATTATTCGGAAGAAATGCGCCAGCTTTTG 60
Db 10 ATGAGACATATTTATCTGCCACGAGAGGTATTATTCGGAAGAAATGCGCCAGCTTTTG 69
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Db 70 GACCAAGCTGATCGAAGAGTACTGCTGATATCTTCCACTCTAGCCATTTTGAACA 129
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Db 130 CCTACCCCTTCGAACTGATATGATTTAGACGTGACGCGCCCGGAAGATCCCAAGAGAG 189
Qy 181 GCGGTTTCGACGATTTTTCCTGACTCTGTAATGTTGGCGGTGCGAAGAGGATTTGACTTA 240
Db 190 GCGGTTTCGACGATTTTTCCTGACTCTGTAATGTTGGCGGTGCGAAGAGGATTTGACTTA 249
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Db 250 CTGACTTTTCGCGCGCGCGCGGTTCCTCCGAGCGCGCTCACTTTCGCGAGCGCGAG 309
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Db 310 CAGCCGAGCAGAGAGCCTTGGGTCCGGTTTCTATGCCAAACTTGTACCGAGGTGATC 369
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Db 370 GATCTTACCTGCGACGAGGCTGCTTTTCCAGCCAGTGAAGAGAGTGAAGAGGTTGAG 429
Qy 421 GAGTTTGTATGATTTATATGTGAGACACCCCGGCGACGGTTGAGAGTCTTGTATATCA 480
Db 430 GAGTTTGTATGATTTATATGTGAGACACCCCGGCGACGGTTGAGAGTCTTGTATATCA 489
Qy 481 CCGAGGAATACCGGGGACCCAGATATATATGTGCTTGTCTATATAGAGACTGTGAGC 540
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Qy 601 TGGTAATTTTTTTTTTAAATTTTAACTGTTTGTGTTAAAGAAATTTGTATTGTGATTT 660
Db 610 TGGTAATTTTTTTTTTAAATTTTAACTGTTTGTGTTAAAGAAATTTGTATTGTGATTT 669
Qy 661 TTTTAAAGGCTCTGTGTCTGAACCTGAGCTGAGCCCGAGCAGAAACCGAGCTTGCA 720
Db 670 TTTTAAAGGCTCTGTGTCTGAACCTGAGCTGAGCCCGAGCAGAAACCGAGCTTGCA 729
Qy 721 GACCTACCCCGCTCTTAAATGGCGCTGCTATCTCTGAAGCCCGCACTCACTGTGT 780
Db 730 GACCTACCCCGCTCTTAAATGGCGCTGCTATCTCTGAAGCCCGCACTCACTGTGT 789
Qy 781 CTAGAGATGCAATAGATAGATAGCTGTGACTGCTCCGCTCTTAAACACACTCTG 840
Db 790 CTAGAGATGCAATAGATAGATAGCTGTGACTGCTCCGCTCTTAAACACACTCTG 849
Qy 841 AGATACACCCCGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 900
Db 850 AGATACACCCCGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 909
Qy 901 GTGCGCAGGCTGTGGAATGTATCGAGACTTGTCTTAAAGAGCTTGAGCAACTTGTGACT 960
Db 910 GTGCGCAGGCTGTGGAATGTATCGAGACTTGTCTTAAAGAGCTTGAGCAACTTGTGACT 969
Qy 961 TGAGCTGTAAAGCCCGCAGGCCATTA 986
Db 970 TGAGCTGTAAAGCCCGCAGGCCATTA 995

RESULT 9
AY147066 1055 bp DNA linear VRL 16-SEP-2002
LOCUS AY147066
DEFINITION Human adenovirus type 5 E1A protein gene, complete cde.
ACCESSION AY147066
VERSION AY147066.1 GI:22947855
KEYWORDS
SOURCE Human adenovirus type 5
ORGANISM Human adenovirus type 5
REFERENCE 1 (bases 1 to 1055)
AUTHORS Li,L., Wang,Z., Su,W., Yu,W. and Ma,Y.
TITLE Direct Substitution
JOURNAL Submitted (03-SEP-2002) Institute of Orthopaedics, Xijing Hospital,
17# Changle West Road, Xi'an, Shaanxi 710032, P.R. China
FEATURES
source 1..1055
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Db 1182 TGGTAATTTTTTTTTTTTAAATTTTAAAGATTTTGAATTTGATTT 1241
Qy 661 TTTTAAAGTCTGTGTCTGAACCTGAGCCCGAGCCGAGCAGAACCGAGCCTGCA 720
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Db 1302 GACCTACCCGCTCTAAATAGCGCTCTATCTGAGACGCCGACATCACTCTGT 1361
Qy 781 CTAGAGAAATGCAATGTGATGAGATAGTGTGACTCCGGTCTTTCTTAAACACTCTG 840
Db 1362 CTAGAGAAATGCAATGTGATGAGATAGTGTGACTCCGGTCTTTCTTAAACACTCTG 1421
Qy 841 AGATACACCCGGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 900
Db 1422 AGATACACCCGGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1481
Qy 901 GTCCGACAGCTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 960
Db 1482 GTCCGACAGCTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1541
Qy 961 TGAGCTGTAAAGCCCGCAGGCCATTA 986
Db 1542 TGAGCTGTAAAGCCCGCAGGCCATTA 1567

RESULT 11

AX838364 1802 bp DNA linear PAT 15-DEC-2003
LOCUS AX838364
DEFINITION Sequence 3 from Patent WO02068627.
ACCESSION AX838364
VERSION AX838364.1 GI:39922045
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 other sequences; artificial sequences.

REFERENCE 1
AUTHORS Vector constructs
TITLE Patent: WO 02068627-A 3 06-SEP-2002;
JOURNAL Location/Qualifiers
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ORIGIN
misc_feature 1..1802
/note="Fig. 3 A - left end of AtpA2f sequence"

Query Match 100.0%; Score 986; DB 6; Length 1802;
Best Local Similarity 100.0%; Pred. No. 1..1e-263; Indels 0; Gaps 0;
Matches 986; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATGAGACATATATATGTCACGAGGTGTATTTACGAGAAATGCGCGCAGTCTTTTG 60
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Db 642 GACGAGCTATGAGAGATGCTGCTGATCTTCCACCTCCATGAGCAATTTGAACA 701
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Db 702 CCTACCTTACGACATGATATGATTTAGACGTCGCGCCCGAGAGATCCACGAGAG 761
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Qy 241 CTACCTTTCCG 300
Db 822 CTACCTTTCCG 881
Qy 301 CAGCCGAGCAGAGAGCTTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 360
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Qy 361 GATCTTACCTGACAGAGCTGCTTCCACCCAGTACAGAGATGAAAGAGGTGAG 420
Db 942 GATCTTACCTGACAGAGCTGCTTCCACCCAGTACAGAGATGAAAGAGGTGAG 1001
Qy 421 GATTTGTGTAGATTAATGTGAGACACCCGCGGACAGGTGACAGTCTTGATTAAC 480
Db 1002 GATTTGTGTAGATTAATGTGAGACACCCGCGGACAGGTGACAGTCTTGATTAAC 1061
Qy 481 CGAGAGATACGCGGAGCCAGATATTAATGTTGCTTGTGCTTGTGCTTGTGCTTGTGCTG 540
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Db 1302 GACCTACCCGCTCTAAATAGCGCTCTATCTGAGACGCCGACATCACTCTGT 1361
Qy 781 CTAGAGAAATGCAATGTGATGAGATAGTGTGACTCCGGTCTTTCTTAAACACTCTG 840
Db 1362 CTAGAGAAATGCAATGTGATGAGATAGTGTGACTCCGGTCTTTCTTAAACACTCTG 1421
Qy 841 AGATACACCCGGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 900
Db 1422 AGATACACCCGGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1481
Qy 901 GTCCGACAGCTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 960
Db 1482 GTCCGACAGCTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1541
Qy 961 TGAGCTGTAAAGCCCGCAGGCCATTA 986
Db 1542 TGAGCTGTAAAGCCCGCAGGCCATTA 1567

RESULT 12

AX770195 3408 bp DNA linear PAT 02-JUL-2003
LOCUS AX770195
DEFINITION Sequence 6 from Patent WO03035883.
ACCESSION AX770195
VERSION AX770195.1 GI:32437735
KEYWORDS
SOURCE Human adenovirus type 5
ORGANISM Human adenovirus type 5
REFERENCE 1 Human adenovirus type 5
Viruses; dsDNA viruses, no RNA stage; Adenoviridae; Mastadenovirus.

REFERENCE 1
AUTHORS Hochberg, A. and Ayesh, S.
TITLE Methods and compositions for inducing tumor-specific cytotoxicity
JOURNAL Patent: WO 03035883-A 6 01-MAY-2003;
Yisum Research and Development Co. of the Hebrew Univ of Jerusalem
(IL)
FEATURES
source Location/Qualifiers
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Query Match      100.0%; Score 986; DB 6; Length 3408;  
Best Local Similarity 100.0%; Pred. No. 1.3e-263;  
Matches 986; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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DB 164 CCTACCTCTCAAGAACTGTATGATTTAGAAGTGAAGGCGCCCGAAGATCCCAAGAGAG 223  
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DB 224 GCGGTTTGGCAGATTTTCCCGACCTGTAAATGTTGGCGGTGACAGAAAGGAGTTGACTTA 283  
OY 241 CTCACCTTTCCGCGCGCGCGCTCTCCGAGAGCGGCTCACTTCCCGAGCGCCGAG 300  
DB 284 CTCACCTTTCCGCGCGCGCGCTCTCCGAGAGCGGCTCACTTCCCGAGCGCCGAG 343  
OY 301 CAGCGGAGCAGAGAGCGCTTGGGTCGCGTTTCTATGCAAACTTTGACCGAGGTGATC 360  
DB 344 CAGCGGAGCAGAGAGCGCTTGGGTCGCGTTTCTATGCAAACTTTGACCGAGGTGATC 403  
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DB 404 GATCTTACCTGCGACGAGGCTGCTTTCACCCACGTGACGAGAGAGAGAGAGAGGTGAG 463  
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DB 464 GAGTTTGTGATTAATGATGAGAGACCCCGGAGCAGGTTGAGGCTTGTCAATTATCAC 523  
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OY 961 TGACCTGTAAACGCCGAGGCGCATTA 986  
DB 1004 TGACCTGTAAACGCCGAGGCGCATTA 1029
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RESULT 13  
ARJ10582  
LOCUS ARJ10582 7090 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 18 from patent US 6558948.  
ACCESSION ARJ10582  
VERSION ARJ10582.1 GI:31703596  
KEYWORDS  
SOURCE  
ORGANISM  
REFERENCE 1 (bases 1 to 7090)  
AUTHORS Koehneke, S. and Schiedner, G.  
TITLE Permanent amphoteric cell line, its production and use for the  
production of gene transfer vectors  
JOURNAL Patent: US 6558948-A 18 06-MAY-2003;  
FEATURES  
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location/Qualifiers  
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Query Match      100.0%; Score 986; DB 6; Length 7090;  
Best Local Similarity 100.0%; Pred. No. 1.5e-263;  
Matches 986; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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DB 2868 GACGAGCTGATGAGAGGTAAGGTAAGTCTGATTAATCTTCCACCTCTAGGCAATTTGAACA 2927  
OY 121 CCTACCTCTCAAGAACTGTATGATTTAGAAGTGAAGGCGCCCGAAGATCCCAAGAGAG 180  
DB 2928 CCTACCTCTCAAGAACTGTATGATTTAGAAGTGAAGGCGCCCGAAGATCCCAAGAGAG 2987  
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DB 2988 GCGGTTTGGCAGATTTTCCCGACCTGTAAATGTTGGCGGTGACAGAAAGGAGTTGACTTA 3047  
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DB 3048 CTCACCTTTCCGCGCGCGCGCTCTCCGAGAGCGGCTCACTTCCCGAGCGCCGAG 3107  
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DB 3108 CAGCGGAGCAGAGAGCGCTTGGGTCGCGTTTCTATGCAAACTTTGACCGAGGTGATC 3167  
OY 361 GATCTTACCTGCGACGAGGCTGCTTTCACCCACGTGACGAGAGAGAGAGAGAGGTGAG 420  
DB 3168 GATCTTACCTGCGACGAGGCTGCTTTCACCCACGTGACGAGAGAGAGAGAGAGGTGAG 3227  
OY 421 GAGTTTGTGATTAATGATGAGAGACCCCGGAGCAGGTTTGAAGGCTTGTCTATATCAC 480  
DB 3228 GAGTTTGTGATTAATGATGAGAGACCCCGGAGCAGGTTTGAAGGCTTGTCTATATCAC 3287
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Db	3708	GTCGCCAGAGCTGTGGAAATGTATCGAGAGACTTGCTTAAAGAGCCTGGGCAACTTTGACT	3767			
Qy	961	TGAGCTGTAAACGCCGCCAGGCCATTAA	986			
Db	3768	TGAGCTGTAAACGCCGCCAGGCCATTAA	3793			
RESULT 14						
AX150263						
LOCUS	AX150263	7090 bp	DNA			
DEFINITION	Sequence 18 from Patent WO0136615.	linear	PAT 08-JUN-2001			
ACCESSION	AX150263					
VERSION	AX150263.1	GI:14348283				
KEYWORDS	.					
SOURCE	synthetic construct					
ORGANISM	synthetic construct					
other sequences; artificial sequences.						
REFERENCE	1					
AUTHORS	Kochanek,S. and Schiedner,G.					
TITLE	Permanent amioocyte cell line, the production thereof and its use					
JOURNAL	for producing gene transfer vectors					
Patent: WO 0136615-A 18 25-MAY-2001;						
Kochanek, Stefan (DE)						
Location/Qualifiers						
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FEATURES	source					

QY	121	CTTACCCCTTACGAAACGTGATGATTGAGACGTGACGGCCCCCGAAGATCCCAAGAGAG	180
Db	2988	CTTACCCCTTACGAACTGTATGATTGAGACGTGACGGCCCCCGAAGATCCCAAGAGAG	2987
QY	181	GGGGTTTCGAGATTTTTCCGACCTCTGTAAATGTTGGGGGTGCAGGAAGGATTGACTTA	240
Db	2988	GGGGTTTCGAGATTTTTCCGACCTCTGTAAATGTTGGGGGTGCAGGAAGGATTGACTTA	3047
QY	241	CTCAGCTTTTCGGCGGGGGCCCGGTTCTCCGGAGGGCGCTACCTTTCCCGGACCCGAG	300
Db	3048	CTCAGCTTTTCGGCGGGGGCCCGGTTCTCCGGAGGGCGCTACCTTTCCCGGACCCGAG	3107
QY	301	CAGCCGGAGCAGAGAGCCTTGGGTCCGGTTTCTATGCGAAACCTTGTACCGAGGTGATC	360
Db	3108	CAGCCGGAGCAGAGAGCCTTGGGTCTTGGGTCTGTATGCGAAACCTTGTACCGAGGTGATC	3167
QY	361	GATCTTACCTGCGCAGAGGCTGGCTTTCACCCAGTGACAGCAGAGATGAAGAGGTGAG	420
Db	3168	GATCTTACCTGCGCAGAGGCTGGCTTTCACCCAGTGACAGCAGAGATGAAGAGGTGAG	3227
QY	421	GAGTTTGTGTAGATTATGTGAGACACCCCGGAGACGGTTGACAGTCTTGTCAATTATAC	480
Db	3228	GAGTTTGTGTAGATTATGTGAGACACCCCGGAGACGGTTGACAGTCTTGTCAATTATAC	3287
QY	481	CGAGGAATACGGGGGACCCAGATATTATGTGTTGGCTTTCCTATATGAGACCTGTGTC	540
Db	3288	CGAGGAATACGGGGGACCCAGATATTATGTGTTGGCTTTCCTATATGAGACCTGTGTC	3347
QY	541	ATGTTTGTCTACAGTAAAGTAATTAAGGACAGTGGGTGATAGAGTGTGGTTGGTG	600
Db	3348	ATGTTTGTCTACAGTAAAGTAATTAAGGACAGTGGGTGATAGAGTGTGGTTGGTG	3407
QY	601	TGGTAATTTTTTTTTTAATTTTTTACAGTTTGTGGTTTAAGAAATTTGTATGTGATTT	660
Db	3408	TGGTAATTTTTTTTTTAATTTTTTACAGTTTGTGGTTTAAGAAATTTGTATGTGATTT	3467
QY	661	TTTTTAAAGGTCTGTGTCTGACACTGAGGCTGAGGCCGAGACCGGAGCCTTGCA	720
Db	3468	TTTTTAAAGGTCTGTGTCTGACACTGAGGCTGAGGCCGAGACCGGAGCCTTGCA	3522
QY	721	GACCTTACCCGCGCTCTTAAATGCGGCTGTCTATCTTGAGACGCCCGACATCACCTGTGT	780
Db	3528	GACCTTACCCGCGCTCTTAAATGCGGCTGTCTATCTTGAGACGCCCGACATCACCTGTGT	3587
QY	781	CTAGAGATGCAATATGATCGGATAGCTGTGACTCCGGTCTTTCTTAAACACTCTCTG	840
Db	3588	CTAGAGATGCAATATGATCGGATAGCTGTGACTCCGGTCTTTCTTAAACACTCTCTG	3647
QY	841	AGATTACACCGGTGGTCCCGCTGTGCCCATTTAACAGTGTCCGTGAGATTTGGTGGC	900
Db	3648	AGATTACACCGGTGGTCCCGCTGTGCCCATTTAACAGTGTCCGTGAGATTTGGTGGC	3707
QY	901	GTCGCGAGGCTGTGGAATGTATCGAGGACTTGTCTTAACTGAGCCTTGGCAACTTTTGACT	960
Db	3708	GTCGCGAGGCTGTGGAATGTATCGAGGACTTGTCTTAACTGAGCCTTGGCAACTTTTGACT	3767
QY	961	TGAGCTGTAAAGCCCCCAGGCCATTA 986	
Db	3768	TGAGCTGTAAAGCCCCCAGGCCATTA 3793	

Query	Match	Similarity	Score	DB	Length	
Best Local	Similarity	100.0%	Score 986	DB 6	Length 7090	
Matches	986	Conservative	0	Mismatches	0	Indels
						Gaps
Qy	1	ATGAGACATATTATCTGCCACGAGAGTGTATTACGAGAAATGCGCCAGTCTTTTG	60			
Db	2808	ATGAGACATATTATCTGCCACGAGAGTGTATTACGAGAAATGCGCCAGTCTTTTG	2867			
Qy	61	GACCACTGATCGAAGAGTACTGGCTGTATCTTCACTCTCCAGCATTTTGAACCA	120			
Db	2868	GACCACTGATCGAAGAGTACTGGCTGTATCTTCACTCTCCAGCATTTTGAACCA	2927			

RESULT 15				
BD268237				
LOCUS	BD268237	7607 bp	DNA	linear
DEFINITION	Adenovirus vector, packaging cell line, composition and method for production and use.			
ACCESSION	BD268237			
VERSION	BD268237.1	GI:33078005		
KEYWORDS	JP 2002534130-A/41.			
SOURCE	synthetic construct			
ORGANISM	synthetic construct			
REFERENCE	other sequences; artificial sequences.			
	1 (bases 1 to 7607)			

AUTHORS	Nemerow,G.R., Seggern,D.J.V., Hallenbeck,P.L., Stevenson,S.C. and Skripchenko,Y.									
TITLE	Adenovirus vector, packaging cell line, composition and method for production and use									
JOURNAL	Patent: JP 2002534130-A 41 15-OCT-2002; NOVARTIS AG,THE SCRIPPS RESEARCH INSTITUTE									
COMMENT	OS Artificial Sequence PN JP 2002534130-A/41 PD 15-OCT-2002 PF 14-JAN-2000 JP 2000593765 PR 14-JAN-1999 US 60/115920 PI GLEN ROBERT NEMEROW,DANIEL J VON SEGGERN,PAUL L HALLENBECK,PI SUSAN C STEVENSON,YELENA SKRIPCENKO PC C12N15/09,A61K35/76,A61K48/00,A61P35/00,A61P43/00,A61P43/00,PC C12N5/10, PC C12N7/00,C12Q1/68,G01N33/53,G01N33/566,C12N15/00,C12N5/00 CC Description of Artificial Sequence: plasmid FH Key Location/Qualifiers FT source 1..7607 FT /organism='Artificial Sequence'.									
FEATURES	source 1..7607 /organism="synthetic construct" /mol_type="genomic DNA" /db_xref="taxon:32630"									
ORIGIN										
Query Match	100.0%; Score 986; DB 6; Length 7607;									
Boot Local Similarity	100.0%; Pred. No. 1.5e-263;									
Matched 986; Conservative	0; Mismatches 0; Indels 0; Gaps 0;									
Qy	1	ATGAGACATATTATCTGCCAGGAGGTGTATTATACGAAGAAATGGCCGACGCTTTTGG	60							
Db	977	ATGAGACATATTATCTGCCAGGAGGTGTATTATACGAAGAAATGGCCGACGCTTTTGG	1036							
Qy	61	GACCAGCTGATCGAAGAGGTACTGGCTGATTAATCTTCCACTCTAGCCATTTTGAACCA	120							
Db	1037	GACCAGCTGATCGAAGAGGTACTGGCTGATTAATCTTCCACTCTAGCCATTTTGAACCA	1096							
Qy	121	CCTACCTCTTCACGAACCTGTATGATTTAGACGTGACGCCCCCGCAAGATCCCAACAGGAG	180							
Db	1097	CCTACCTCTTCACGAACCTGTATGATTTAGACGTGACGCCCCCGCAAGATCCCAACAGGAG	1156							
Qy	181	CGCGTTTCGCAGATTTTTCCCGACTCTGTAATGTTGGCGGTGCAGGAAGGATGACTTA	240							
Db	1157	CGCGTTTCGCAGATTTTTCCCGACTCTGTAATGTTGGCGGTGCAGGAAGGATGACTTA	1216							
Qy	241	CTCACTTTTCGCGGCGCCCGGTTCTCCGAGCGGCTCATCCTTTCCCGGACGCCGAG	300							
Db	1217	CTCACTTTTCGCGGCGCCCGGTTCTCCGAGCGGCTCATCCTTTCCCGGACGCCGAG	1276							
Qy	301	CAGCCGGAGCAGACAGCCTTGGGTCCGGTTTCTATGCCAAACCTTGTACCGGAGGTGATC	360							
Db	1277	CAGCCGGAGCAGACAGCCTTGGGTCCGGTTTCTATGCCAAACCTTGTACCGGAGGTGATC	1336							
Qy	361	GATCTTACCTGCCACGAGGTGGCTTTTCCACCCAGTGACACGACGAGGATGAAGAGGGTGA	420							
Db	1337	GATCTTACCTGCCACGAGGTGGCTTTTCCACCCAGTGACACGACGAGGATGAAGAGGGTGA	1396							
Qy	421	GAGTTTGTGTAGATTATGTGGAGCACCCCGGGCACCGTTTGACAGGCTTTGTCAATTATCAC	480							
Db	1397	GAGTTTGTGTAGATTATGTGGAGCACCCCGGGCACCGTTTGACAGGCTTTGTCAATTATCAC	1456							
Qy	481	CGGAGGAATACGGGGGACCCAGATTTATGTGTTTCGCTTTGCTATATGAGGACCTGTGGC	540							
Db	1457	CGGAGGAATACGGGGGACCCAGATTTATGTGTTTCGCTTTGCTATATGAGGACCTGTGGC	1516							
Qy	541	ATGTTTGTCTACAGTAAAGTAAAAATTATGGGCAGTGGGTGATAGAGTGGTGGGTTGGTG	600							
Db	1517	ATGTTTGTCTACAGTAAAGTAAAAATTATGGGCAGTGGGTGATAGAGTGGTGGGTTGGTG	1576							
Qy	601	TGGTAAATTTTTTTTAAATTTTACAGTTTGTGGTTTAAAGAAATTTGTATTCGTGATTT	660							